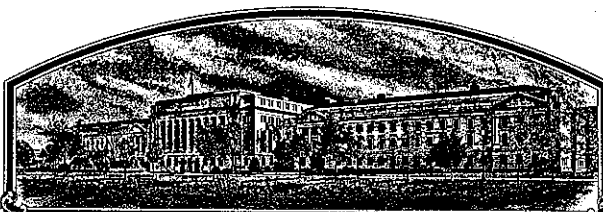


No.

8600009



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Northrup King Co.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* * YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS AUTHORIZED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT

'9227'

AMENDED CERTIFICATE

*Original grant May 31, 1988

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D. C. this 31st day of August in the year of our Lord one thousand nine hundred and eighty-nine.

Attest

Kenneth H. Evans
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Clayton Gentler
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION

FORM APPROVED: OMB NO. 0581-0055

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) GR Seeds COKER'S PEDIGREED SEED COMPANY NORTHROP KING CO. COMPANY		2. TEMPORARY DESIGNATION Coker 83-18 Coker 82-27		3. VARIETY NAME Coker 9227	
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) P.O. Box 1867 340 959 Hartsville, S.C. 29550 MINNEAPOLIS, MN 55440		5. PHONE (Include area code) (612) 593-7333 (803) 332-7531		FOR OFFICIAL USE ONLY VPPO NUMBER 8600009	
6. GENUS AND SPECIES NAME Triticum aestivum		7. FAMILY NAME (Botanical) Gramineae		FILING DATE 10/22/85 TIME 2:00 <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.	
8. KIND NAME Wheat		9. DATE OF DETERMINATION Nov. 1984		FEE RECEIVED AMOUNT FOR FILING \$ 1,800 DATE 10/22/85 AMOUNT FOR CERTIFICATE \$ 200.00 DATE April 14, 1988	
10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.) Partnership CORPORATION				12. DATE OF INCORPORATION 1976	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION DELAWARE					
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Howard F. Harrison GR Seeds COKER'S PEDIGREED SEED COMPANY P.O. Box 1867 340 Hartsville, S.C. 29550 ROBERT W. ROMIG NORTHROP KING CO. P.O. BOX 959 MINNEAPOLIS, MN 55440					
14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED					
a. <input checked="" type="checkbox"/> Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)		c. <input checked="" type="checkbox"/> Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)			
b. <input checked="" type="checkbox"/> Exhibit B, Novelty Statement		d. <input checked="" type="checkbox"/> Exhibit D, Additional Description of the Variety			
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act.) <input checked="" type="checkbox"/> Yes (If "Yes," answer items 16 and 17 below) <input checked="" type="checkbox"/> No					
16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? <input checked="" type="checkbox"/> Foundation <input checked="" type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified			
18. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. <input type="checkbox"/> Yes (If "Yes," give date) <input checked="" type="checkbox"/> No					
19. HAS THE VARIETY BEEN OFFERED FOR SALE OR MARKETING IN THE U.S. OR OTHER COUNTRIES? <input type="checkbox"/> Yes (If "Yes," give names of countries and dates) <input checked="" type="checkbox"/> No					
20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable. The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.					

SIGNATURE OF APPLICANT

DATE

SIGNATURE OF APPLICANT

DATE

EXHIBIT A

Origin and Breeding History of the Variety

9227 Wheat

1973	Last Cross Coker 73-18/Coker 73-20
1973	F1 Summer Greenhouse
1974	F2 Spaced Plants
1974	F3 Summer Greenhouse
1975	F4 Spaced Plants
1976	F5 Headrows
1977	F6 Preliminary Yield Test
1978	F7 Headrows
1979	F8 Yield Test
1980	F9 Increase & Yield Test
1980	F9 Headrows
1981	F10 Yield Test
1982	F11 Increase Block 82-27

Numerous plantings have shown this variety to be genetically stable and true to type.

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EXHIBIT B

Novelty Statement

9227 Wheat

9227 most nearly resembles Fla. 301 but differs in having a more
prostrote growth habit, better winter hardiness and resistance to
SBMV.

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TABLE 1

Reaction of Several Wheat Varieties to SoilBorne
Mosaic Virus at Hartsville, S.C. 1985

Variety	Mosaic Reaction
Coker 797	SS
Coker 68-15	R
Coker 747	R
9227	R
Fla. 301	S
Fla. 302	MS
Tyler	R
Saluda	R

FORM GR-470-6
(2-15-73)UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782EXHIBIT C
(Wheat)OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (TRITICUM SPP.)

9227

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S) CR Seeds	FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) P.O. Box 1867 Hartsville, S.C. 29550	PVPO NUMBER 8600009
	VARIETY NAME OR TEMPORARY DESIGNATION 9227

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g. or) when number is either 99 or less or 9 or less.

1. KIND:

 1 = COMMON 2 = DURUM 3 = EMMER 4 = SPELT 5 = POLISH 6 = POULARD 7 = CLUB

2. TYPE:

 1 = SPRING 2 = WINTER 3 = OTHER (Specify) _____ 1 = SOFT 3 = OTHER (Specify) _____
 2 = HARD

 1 = WHITE 2 = RED 3 = OTHER (Specify) _____

3. SEASON - NUMBER OF DAYS FROM EMERGENCE TO:

 Julian Jan. 1 LAST FLOWERING

4. MATURITY (50% Flowering):

 NO. OF DAYS EARLIER THAN 7 1 = ARTHUR 2 = SCOUT 3 = CHRIS 7 = Tyler
 NO. OF DAYS LATER THAN 4 = LEMHI 5 = NUGAINES 6 = LEEDS

5. PLANT HEIGHT (From soil level to top of head):

 CM. HIGH
 CM. TALLER THAN 1 = ARTHUR 2 = SCOUT 3 = CHRIS 7 = Tyler
 CM. SHORTER THAN 4 = LEMHI 5 = NUGAINES 6 = LEEDS

6. PLANT COLOR AT BOOTING (See reverse):

 1 = YELLOW GREEN 2 = GREEN RHS 137C 3 = BLUE GREEN

7. ANTHR COLOR:

 1 = YELLOW 2 = PURPLE

8. STEM:

 Anthocyanin: 1 = ABSENT 2 = PRESENT Waxy bloom: 1 = ABSENT 2 = PRESENT

 Hairiness of last internode of rachis: 1 = ABSENT 2 = PRESENT Internodes: 1 = HOLLOW 2 = SOLID

 NO. OF NODES (Originating from node above ground) CM. INTERNODE LENGTH BETWEEN FLAG LEAF AND LEAF BELOW

9. AURICLES:

 Anthocyanin: 1 = ABSENT 2 = PRESENT Hairiness: 1 = ABSENT 2 = PRESENT

10. LEAF:

 Flag leaf at booting stage: 1 = ERECT 2 = RECURVED Flag leaf: 1 = NOT TWISTED 2 = TWISTED
3 = OTHER (Specify) _____

 Hairs of first leaf sheath: 1 = ABSENT 2 = PRESENT Waxy bloom of flag leaf sheath: 1 = ABSENT 2 = PRESENT

 MM. LEAF WIDTH (First leaf below flag leaf) CM. LEAF LENGTH (First leaf below flag leaf)
5
OCT 15 1985

11. HEAD:

☐ 2 Density: 1 = LAX 2 = DENSE
 ☐ 1 Shape: 1 = TAPERING 2 = STRAP 3 = CLAVATE
 4 = OTHER (Specify) _____

☐ 3 Awedness: 1 = AWNLESS 2 = APICALLY AWNLETED 3 = AWNLETED 4 = AWNED

☐ 2 Color at maturity: 1 = WHITE 2 = YELLOW 3 = PINK 4 = RED
 5 = BROWN 6 = BLACK 7 = OTHER (Specify) _____

☐ 1 ☐ 0 CM. LENGTH
 ☐ 1 ☐ 2 MM. WIDTH

12. GLUMES AT MATURITY: 7.70mm

☐ 2 Length: 1 = SHORT (CA. 7 mm.) 2 = MEDIUM (CA. 8 mm.)
 3 = LONG (CA. 9 mm.)

☐ 2 Width: 1 = NARROW (CA. 3 mm.) 2 = MEDIUM (CA. 3.5 mm.)
 3 = WIDE (CA. 4 mm.)

☐ 2 Shoulder: 1 = WANTING 2 = OBLIQUE 3 = ROUNDED
 shape: 4 = SQUARE 5 = ELEVATED 6 = APICULATE

☐ 1 Beak: 1 = OBTUSE 2 = ACUTE 3 = ACUMINATE

13. COLEOPTILE COLOR:

☐ 3 1 = WHITE 2 = RED 3 = PURPLE

14. SEEDLING ANTHOCYANIN:

☐ 2 1 = ABSENT 2 = PRESENT

15. JUVENILE PLANT GROWTH HABIT:

☐ 2 1 = PROSTRATE 2 = SEMI-ERECT 3 = ERECT

16. SEED:

☐ 1 Shape: 1 = OVATE 2 = OVAL 3 = ELLIPTICAL
 ☐ 1 Check: 1 = ROUNDED 2 = ANGULAR

☐ 2 Brush: 1 = SHORT 2 = MEDIUM 3 = LONG
 ☐ 1 Brush: 1 = NOT COLLARED 2 = COLLARED

☐ 3 Phenol reaction (See instructions): 1 = IVORY 2 = FAWN 3 = LT. BROWN
 4 = BROWN 5 = BLACK

☐ 3 Color: 1 = WHITE 2 = AMBER 3 = RED 4 = PURPLE 5 = OTHER (Specify) _____

☐ 0 ☐ 6 MM. LENGTH
 ☐ 0 ☐ 3 MM. WIDTH
 ☐ 3 ☐ 4 GM. PER 1000 SEEDS

17. SEED CREASE:

☐ 1 Width: 1 = 60% OR LESS OF KERNEL 'WINOKA'
 2 = 80% OR LESS OF KERNEL 'CHRIS'
 3 = NEARLY AS WIDE AS KERNEL 'LEMHI'

☐ 3 Depth: 1 = 20% OR LESS OF KERNEL 'SCOUT'
 2 = 35% OR LESS OF KERNEL 'CHRIS'
 3 = 50% OR LESS OF KERNEL 'LEMHI'

18. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

☐ 0 STEM RUST (Races)
 ☐ 2 LEAF RUST (Races)
 ☐ 0 STRIPE RUST (Races)
 ☐ 0 LOOSE SMUT

☐ 2 POWDERY MILDEW
 ☐ 0 BUNT
 ☐ OTHER (Specify) _____

19. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

☐ 0 SAWFLY
 ☐ 0 APHID (Bydv.)
 ☐ 0 GREEN BUG
 ☐ 0 CEREAL LEAF BEETLE

☐ 0 OTHER (Specify) _____
 HESSIAN FLY
 ☐ GP
 ☐ A
 ☐ B
 ☐ C

RACES:
 ☐ D
 ☐ E
 ☐ F
 ☐ G

20. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Flax 3017	Seed size	Flax 3017
Leaf size	" "	Seed shape	" "
Leaf color	" "	Coleoptile elongation	" "
Leaf carriage	" "	Seedling pigmentation	" "

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

- (a) L.W. Briggles and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, United States Department of Agriculture.
- (b) W.E. Walls, 1965, A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity, contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysts. (See attachment.)

LEAF COLOR: Nickerson's or any recognized color fan should be used to determine the leaf color of the described variety.

8600009

EXHIBIT D

Additional Description of the Variety

9227 Wheat

9227 is a semi-dwarf, Soft Red Winter Wheat with a semi-decumbent growth habit. Under the conditions at Hartsville, S.C. it headed approximately 15 days earlier than Tyler. Average difference for 17 locations was 7 days. It was also 13cm shorter than Tyler.

9227 is lightly awnletted, with the longest awn per spike averaging 13mm and ranging from 8mm to 20mm. Spike is tapering with white to yellow chaff with mid-sized glumes. It has shown resistance to the races of powdery mildew and leaf rust prevalent at Hartsville, S.C. during the testing period. However, there are races present in other geographic areas that are virulent on 9227. It has also shown a good degree of tolerance to soil-borne mosaic virus as it occurs at Hartsville, S.C.

SOFT WHEAT ANALYSIS

1985 SRW
Hartselle, AL
Corp of 6 reps

11 of 11

Entry #s 85mw1 thru 85mw4 Mill: Cox (1700g)

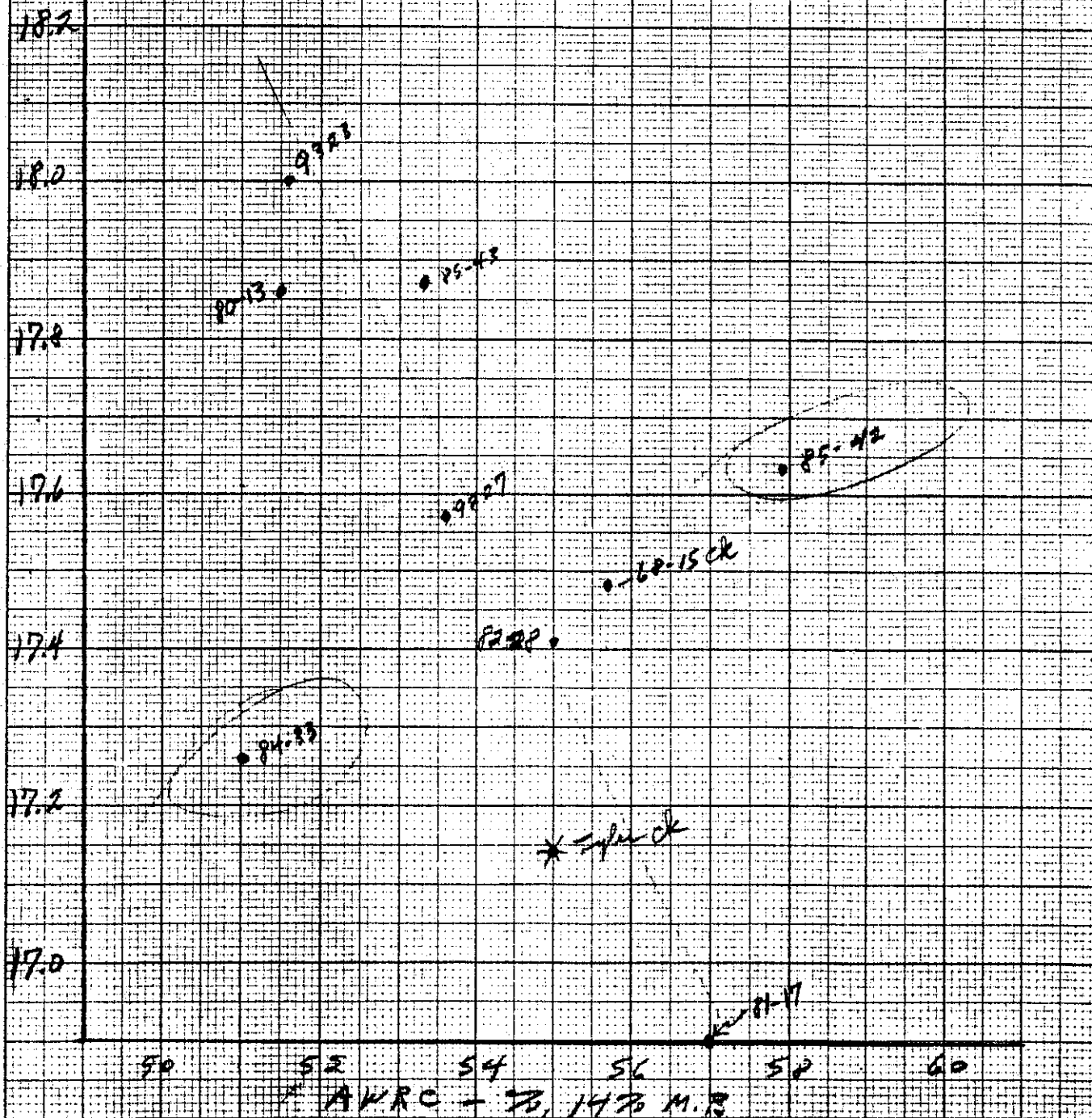
ENTRY	ID NO	WHEAT		MILLING		FLOUR ANALYSIS		EVALUATION			REMARKS		
		Bu Wt.	Hard ness	Flour Yield	Ash	Wt %	Kjeld Prot.	AMCC	Cookie Diam	Hard ness		Flour Yield	Cookie Bake
		lb.	pts	g	g/100g	%	%	g	cm.	H	S		
85mw-1		59.0	(144)				85						
85mw-16		60.4	71.7	64.6	.37	31.2	10.6	55.7	17.48	soft	3.5	4.0	59
85mw-17		58.0	65.9	65.1	.35	32.0	10.1	57.0	16.90	"	3.0	6.0	Q
		56.4	69.9	65.3	.38	33.9	10.1	51.5	17.96	"	3.5	3.0	50-5
													85mw-1
85mw-18		59.3	73.9	65.6	.34	33.9	11.1	53.6	17.57	soft	3.0	3.0	5
85mw-19		56.7	73.9	65.4	.29	33.0	9.9	51.6	18.00	soft	2.5	2.0	50-15
85mw-21		58.1	71.3	63.9	.37	34.1	10.5	55.0	17.41	"	3.5	4.0	50
85mw-27		56.8	69.4	66.4	.39	35.1	10.6	51.0	17.26	soft	8.5	4.0	Q5
85mw-35		57.4	67.6	63.8	.39	34.6	9.1	57.9	17.63	"	3.0	4.0	50
85mw-36		57.6	70.9	67.2	.37	34.9	9.9	53.3	17.97	"	2.5	3.0	5
85mw-43		57.6	69.4	65.2	.35	33.8	10.1	55.0	17.14	"	3.0	5.0	Q5?
		1.86		1.86	VMG			1.16	1.16				
* 100% duplication													
1. AMCC and Coker mill off during milling of 85 MW-17. Caking mill to check same with later.													
2. AMCC and Coker mill off during milling of 85 MW-17. Caking mill to check same with later.													

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AKRC on Cookin Diameter

19P5 SRW - Hartsville, S.E.

85 MW-1 through 85 MW-43



46 1240

KOE 20 X 20 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

8600009

EXHIBIT E
Statement of Applicants Ownership

Coker's Pedigreed Seed Company, Hartsville, S.C. believes it is the sole, original, and first breeder of 'Coker 9227' Variety of wheat for which it solicits a certificate of protection.

8600009

ASSIGNMENT

WHEREAS, CR Seeds, a general partnership having its principal office at 900 Darlington Highway, Hartsville, South Carolina 29550 ("Partnership"), is the owner of the entire right, title and interest to the United States Plant Variety Protection Certificates and applications for such Certificates (collectively "Certificates") listed on Appendix A attached hereto;

WHEREAS, the partners of CR Seeds, Rohm and Haas Seeds Inc., a Delaware corporation having its principal office at Independence Mall West, Philadelphia, PA 19105 ("RHS") and Coker's Pedigreed Seed Company, a South Carolina corporation with its principal office at 900 Darlington Highway, Hartsville, SC 29550 ("CPS"), are each desirous of acquiring a one-half undivided interest in the varieties and Certificates listed on Appendix A;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, CR Seeds does hereby sell, assign and transfer to RHS a one-half undivided interest in and to the varieties and Certificates and to CPS a one-half undivided interest in and to the varieties and Certificates for each of their use and benefit and for each of their successors and assigns.

IN TESTIMONY THEREOF, CR Seeds intending to be legally bound has caused this assignment to be executed by its duly authorized officer.

CR Seeds

 By: E. Joe Dahmer
 President

State of South Carolina)
 County of Darlington) SS

On this 30th day of December, 1986, before me appeared E. Joe Dahmer of CR Seeds, the person who signed this instrument who acknowledged that he signed it as a free act on behalf of CR Seeds with authority to do so.

Logan B. Elbert
 Notary Public

My commission expires 4-14-91

APPENDIX ASoft Red Winter Wheat Varieties

<u>Variety Name</u>	<u>U.S. Plant Variety Certificate No.</u>	<u>Issue Date</u>
Coker 68-15	7200014	Mar. 6, 1974
Coker 68-19	7200015	Mar. 6, 1974
Coker 747	76TQ015	Sept. 9, 1978
Coker 762	8000152	Dec. 12, 1981
Coker 797	8000145	Dec. 12, 1981
Coker 916	8300036	Sept. 27, 1985
Coker 983	8400058 ¹	Feb. 27, 1984 ¹
McNair 701	7200038	Feb. 26, 1974
McNair 4823	7200037	April 8, 1975
RHS 8232	8400136 ¹	July 16, 1984 ¹
9227	8600009 ¹	Oct. 22, 1985 ¹
9323	8600010 ¹	Oct. 22, 1985 ¹

1. Application number and filing date.

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Winter Oat Varieties

<u>Variety Name</u>	<u>U.S. Plant Variety Certificate No.</u>	<u>Issue Date</u>
Coker 227	7500007	Oct. 20, 1977
Coker 716	7900003	Dec. 28, 1978
Coker 820	8400059 ¹	Feb. 28, 1984 ¹
Coker 234	7500008	Oct. 26, 1977
Four Twenty Two	7700085	Apr. 12, 1979
Big Mac	8200121	Aug. 19, 1982
Mesquite	8200122	Aug. 19, 1982

1. Application number and filing date.

Soybean Varieties

Coker Hampton 266A	7100022	Sept. 6, 1973
Coker 136	7300091	Oct. 18, 1973
Coker 338	7400058	Oct. 29, 1976
Coker 237	7800034	July 13, 1978
Coker 488	7800035	July 13, 1978
Coker 156	7900043	Nov. 27, 1979
Coker 317	8100095	Nov. 19, 1981
Coker 368	8200140	Aug. 31, 1983
Coker 425	8400077	May 31, 1985
Coker 485	8400078	May 31, 1985
Coker 393 (Q327-4270)	8400018	Jan. 25, 1985
Coker 355 (XP5878)	8400019	Jan. 25, 1985
Coker 627	8700001 ¹	Oct. 3, 1986 ¹
Coker 686	Pending ¹	Dec. 19, 1986

1. Application number and filing date.

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<u>Variety Name</u>	<u>U.S. Plant Variety Certificate No.</u>	<u>Issue Date</u>
AP55	8100089	Feb. 18, 1982
AP70	7800081	Feb. 15, 1979
AP71	8100090	Sept. 24, 1981
Lancer	7600044	Sept. 29, 1976
RA-526	7500067	Dec. 12, 1975
RA-604	7900008	Mar. 1, 1975
RA-680	8100097	Apr. 15, 1982
RA-502	8200160	Aug. 31, 1983
RA-606	8200161	Oct. 27, 1983
RA-580	8300075	Apr. 30, 1984
Mitchell	7300054	Oct. 30, 1974
RA-401	7800030	June 22, 1978
RA-601	7800031	June 22, 1978
Mitchell 450	7900046	June 14, 1979
RA-481	8000054	Mar. 26, 1981
RA-402	8000093	July 31, 1981
Mitchell 410	8200162	Oct. 27, 1983
RA-403	8200163	Oct. 27, 1983

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<u>Variety Name</u>	<u>Certificate No.</u>	<u>Issue Date</u>
RA-451	8500008 ¹	Oct. 10, 1984 ¹
RA-452	8500009 ¹	Oct. 10, 1984 ¹
RA-405	8500010 ¹	Oct. 10, 1984 ¹
RA-501 A	76TQ006	May 11, 1978
RA-480	7900007	Feb. 15, 1979

1. Application number and filing date.

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ASSIGNMENT

WHEREAS, Rohm and Haas Seeds Inc., a Delaware corporation having its principal office at Independence Mall West, Philadelphia, PA 19105 ("RHS"), is the owner of a one-half undivided interest in and to the United States Plant Variety Protection Certificates and applications for such Certificates (collectively "Certificates") listed on Appendix A attached hereto:

WHEREAS, Coker's Pedigreed Seed Company, a South Carolina corporation with its principal office at 900 Darlington Highway, Hartsville, SC 29550 ("CPS"), is desirous of acquiring this one-half undivided interest in the aforementioned varieties and Certificates;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, RHS does hereby sell, assign and transfer to CPS RHS's one-half undivided interest in and to the varieties and Certificates for CPS's use and benefit and for its successors and assigns.

IN TESTIMONY THEREOF, RHS intending to be legally bound has caused this assignment to be executed by its duly authorized officer.

ROHM AND HAAS SEEDS INC.

By: Howard A. Mergelkamp

Assistant Treasurer

State of Pennsylvania)
County of Philadelphia) SS

On this 31st day of December, 1986, before me appeared Howard A. Mergelkamp of Rohm and Haas Seeds Inc., the person who signed this instrument who acknowledged that he signed it as a free act on behalf of Rohm and Haas Seeds Inc. with authority to do so.

Elizabeth A. Smith

ELIZABETH A. SMITH, Notary Public

Notary Public, Phila., Phila. Co

My Commission Expires Oct. 14, 1989

My commission expires _____